

10/694,520  
LMM 12/13/07

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S20 3	3	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same (negative near2 (select\$4 adj marker))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 18:01
S20 4	654	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) ) or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or HSV-tk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:27
S20 5	656	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) ) or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or HSV-tk or (diphtheria adj toxin adj fragment-A) or DT-A)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:45
S20 6	612	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) with ((negative near2 (select\$4 adj marker)) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) ) or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or HSV-tk or (diphtheria adj toxin adj fragment-A) or DT-A)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:36
S20 7	396	S206 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:31
S20 8	2	S203 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:44

## EAST Search History

S209	562	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) with ((negative near2 (select\$4 adj marker)) or ((herpes adj simplex adj virus) adj (thymidine adj kinase) ) or (HSV adj (thymidine adj kinase)) or ((herpes adj simplex adj virus) adj tk) or HSV-tk or (diphtheria adj toxin adj fragment-A) or DT-A)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:38
S210	1	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) same (((herpes adj simplex adj virus) adj (thymidine adj kinase) ) or (HSV adj (thymidine adj kinase)) or ((herpes adj simplex adj virus) adj tk) or HSV-tk or (diphtheria adj toxin adj fragment-A) or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:39
S211	138	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) and ((negative near2 (select\$4 adj marker)) same (((herpes adj simplex adj virus) adj (thymidine adj kinase) ) or (HSV adj (thymidine adj kinase)) or ((herpes adj simplex adj virus) adj tk) or HSV-tk or (diphtheria adj toxin adj fragment-A) or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:39
S212	84	S211 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:42
S213	441	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((select\$4 adj marker))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:41
S214	295	S213 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:42
S215	3226	((positive near2 negative) adj (selector or selection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:44

## EAST Search History

S21 6	47	S206 and((positive near2 negative) adj (selector or selection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:44
S21 7	33	S216 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:47
S21 8	5	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) or (diphtheria adj toxin adj fragment-A) or DT-A)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:48
S21 9	3	S218 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:53
S22 0	1	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:49
S22 1	1	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or HSV-tk or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:50
S22 2	1	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or HSV-tk or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) )or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:52
S22 3	1	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same ((negative near2 (select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or HSV-tk or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) )or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:53

## EAST Search History

S22 4	140	((rsv.near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter))and ((negative near2 (select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or HSV-tk or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) )or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:52
S22 5	50	((rsv near2 promoter) or ((rous adj sarcoma adj virus) near2 promoter)) same (((select\$4 adj marker)) same ((diphtheria adj toxin adj fragment-A) or HSV-tk or (HSV near2 (thymidine adj kinase)) or ((herpes adj simplex adj virus) near2 tk) or ((herpes adj simplex adj virus) near2 (thymidine adj kinase) )or DT-A))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:53
S22 6	31	S225 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 18:07
S22 7	62	((pgk near2 promoter) or ((phosphoglycerate adj kinase) near2 promoter)) same (negative near2 (select\$4 adj marker))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 18:07
S22 8	38	((pgk near2 promoter) or ((phosphoglycerate adj kinase) near2 promoter)) with (negative near2 (select\$4 adj marker))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 18:07
S22 9	25	S228 and @ad<"20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 18:14

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Set	Items	Description
S1	88	S ((RSV (2N) PROMOTER) OR ((ROUS (W) SARCOMA (W) VIRUS) (2N) PROMOTER)) (S) ((NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) MARKER)) OR ((HERPES (W) SIMPLEX (W) VIRUS) (2N) (THYMIDINE (W) KINASE) ) OR (HSV (2N) (THYMIDINE (W) KINASE)) OR ((HERPES (W) SIMPLEX (W) VIRUS) (2N) TK) OR HSV-TK OR (DIPHTHERIA (W) TOXIN (W) FRAGMENT-A) OR DT-A)
S2	0	S S1 AND ((POSITIVE (2N) NEGATIVE) (2N) (SELECTOR OR SELECTION))
S3	5542	S ((POSITIVE (2N) NEGATIVE) (2N) (SELECTOR OR SELECTION))
S4	8	S (NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) (GENE OR MARKER))) (S) ((PGK (2N) PROMOTER) OR ((PHOSPHOGLYCERATE (W) KINASE) (2N) PROMOTER))
S5	8	RD (unique items)
S6	1	S S5 NOT PD>021030

?

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[File 185] **Zoological Record Online(R)** 1864-2007/Nov

(c) 2007 The Thomson Corp. All rights reserved.

*\*File 185: The file has been reloaded to add archive records back to 1864. Accession numbers have changed.*

[File 357] **Derwent Biotech Res.** 1982-2007/Nov W4

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[File 369] **New Scientist** 1994-2007/Sep W4

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[File 370] **Science** 1996-1999/Jul W3

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*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Database - Reactions** 2007/Q3

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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

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[File 467] **ExtraMED(tm)** 2000/Dec

(c) 2001 Informania Ltd. All rights reserved.

? s ((rsv {2n} promoter) or ((rous (w) sarcoma (w) virus){2n} promoter)) (s) ((negative  
(2n)((selectable or selection) (w) marker)) or ((herpes (w) simplex (w) virus) (2n)  
(thymidine (w) kinase) ) or (HSV (2n) (thymidine (w) kinase)) or ((herpes (w) simplex (w)  
virus) (2n) tk) or HSV-tk or (diphtheria (w) toxin (w) fragment-A) or DT-A)

Processing

Processing

Processing

Processing

31072	RSV
880993	PROMOTER
1116	RSV (2N) PROMOTER
28518	ROUS
333844	SARCOMA
3294507	VIRUS
880993	PROMOTER
1402	ROUS (W) SARCOMA (W) VIRUS (2N) PROMOTER
3370380	NEGATIVE
33205	SELECTABLE
1647393	SELECTION
1127859	MARKER
590	NEGATIVE (2N) (SELECTABLE OR SELECTION) (W) MARKER
275998	HERPES
242932	SIMPLEX
3294507	VIRUS
291347	THYMIDINE
1784088	KINASE

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13006   HERPES (W) SIMPLEX (W) VIRUS (2N) THYMIDINE (W) KINASE
87582   HSV
291347  THYMIDINE
1784088 KINASE
6160    HSV (2N) THYMIDINE (W) KINASE
275998  HERPES
242932  SIMPLEX
3294507 VIRUS
38840   TK
2170    HERPES (W) SIMPLEX (W) VIRUS (2N) TK
361     HSV-TK
968     DIPHTHERIA
637620  TOXIN
119     FRAGMENT-A
0       DIPHTHERIA (W) TOXIN (W) FRAGMENT-A
10      DT-A
S1      88      S ((RSV (2N) PROMOTER) OR ((ROUS (W) SARCOMA (W) VIRUS) (2N) PROMOTER)) (S)
((NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) MARKER)) OR ((HERPES (W) SIMPLEX (W) VIRUS)
(2N) (THYMIDINE (W) KINASE) ) OR (HSV (2N) (THYMIDINE (W) KINASE)) OR ((HERPES (W) SIMPLEX
(W) VIRUS) (2N) TK) OR HSV-TK OR (DIPHTHERIA (W) TOXIN (W) FRAGMENT-A) OR DT-A)

? s s1 and ((positive (2N) negative) (2N) (selector or selection))
Processing
88      S1
4188061 POSITIVE
3370380 NEGATIVE
16186   SELECTOR
1647393 SELECTION
5542    POSITIVE (2N) NEGATIVE (2N) (SELECTOR OR SELECTION)
S2      0       S S1 AND ((POSITIVE (2N) NEGATIVE) (2N) (SELECTOR OR SELECTION))

? s ((POSITIVE (2N) NEGATIVE) (2N) (SELECTOR OR SELECTION))
4188061 POSITIVE
3370380 NEGATIVE
16186   SELECTOR
1647393 SELECTION
S3      5542    S ((POSITIVE (2N) NEGATIVE) (2N) (SELECTOR OR SELECTION))

?
? s ((NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) (gene or MARKER))) (s) ((pgk (2N)
promoter) or ((phosphoglycerate (w) kinase) (2N) promoter))
>>>W: Unmatched parentheses
>>>E: There is no result

? s ((NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) (gene or MARKER))) (s) ((pgk (2N)
promoter) or ((phosphoglycerate (w) kinase) (2N) promoter))
>>>W: Unmatched parentheses
>>>E: There is no result

?
? s (NEGATIVE (2N) ((SELECTABLE OR SELECTION) (W) (gene or MARKER))) (s) ((pgk (2N)
promoter) or ((phosphoglycerate (w) kinase) (2N) promoter))
Processing
Processing
3370380 NEGATIVE
33205   SELECTABLE
1647393 SELECTION
6881470 GENE
1127859 MARKER
6988    PGK
880993  PROMOTER

```

1139 PGK(2N) PROMOTER  
 20338 PHOSPHOGLYCERATE  
 1784088 KINASE  
 880993 PROMOTER  
 1155 PHOSPHOGLYCERATE(W) KINASE(2N) PROMOTER  
 S4 8 S (NEGATIVE (2N)((SELECTABLE OR SELECTION) (W) (GENE OR MARKER)))(S) ((PGK  
 (2N) PROMOTER) OR ((PHOSPHOGLYCERATE (W) KINASE) (2N) PROMOTER))

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S5 8 RD (UNIQUE ITEMS)

? s s5 not pd>021030

Processing

>>>W: One or more prefixes are unsupported  
 or undefined in one or more files.

8 S5  
 16211325 PD>021030  
 S6 1 S S5 NOT PD>021030

? t s6/meidum

>>>W: "MEIDUM" is not a valid format name in file(s): 5, 24, 28, 34-35, 40-41, 45, 50, 65, 71, 73, 91, 98, 110, 135-136, 143-144, 155, 164, 172, 185, 357, 369-370, 391, 434, 467

? t s6/meidum

>>>W: "MEIDUM" is not a valid format name in file(s): 5, 24, 28, 34-35, 40-41, 45, 50, 65, 71, 73, 91, 98, 110, 135-136, 143-144, 155, 164, 172, 185, 357, 369-370, 391, 434, 467

? t s6/medium

6/3/1 (Item 1 from file: 357) Links

Derwent Biotech Res.

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0297848 DBA Accession No.: 2002-19695 PATENT

**Novel genetically engineered vector comprising gene trap cassette, and mutational element cassette that is transcriptionally silent, but which is activated by recombinase expression to disrupt expression of trapped gene vector expression in host cell and selectable marker useful for constructing transgenic animal model and genetically engineered cell**

**Author:** XIN H; KOTLIKOFF M

**Patent Assignee:** CORNELL RES FOUND INC 2002

**Patent Number:** WO 200240685 **Patent Date:** 20020523 **WPI Accession No.:** 2002-537342 ( 200257 )

**Priority Application Number:** US 249200 **Application Date:** 20001116

**National Application Number:** WO 2001US43916 **Application Date:** 20011116

**Language:** English